



pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
Oil and Gas Management Program
WELL LOCATION PLAT

DEP USE ONLY	DEP Application Tracking #	G
	Permit #	8226211
	Project #	019-21889

Denotes location of well on topo map

True Latitude: NORTH (NAD83)

40° 52' 20.69"

True Longitude: WEST (NAD83)

80° 04' 52.40"

Projected bottom hole

Latitude: NORTH (NAD83)

40° 51' 58.24"

Longitude: WEST (NAD83)

80° 04' 01.77"

Well is located on topo map 842 feet south of latitude 40° 52' 30" 0' 1000' 2000'

NOTE:

THIS PLAT IS FOR WELL LOCATION PURPOSES ONLY AND DOES NOT REPRESENT A COMPLETE BOUNDARY SURVEY. CORNERS AND LINES PERTINENT TO LOCATING THE PROPOSED WELL ARE FROM FIELD SURVEY. OTHER LINES AND FEATURES SHOWN ARE FROM TAX MAPS AND/OR DEEDS. THE INFORMATION PRESENTED SHOULD NOT BE UTILIZED FOR ANY OTHER PURPOSES. THIS PROPERTY IS SUBJECT TO ANY EASEMENTS, RIGHT-OF-WAY AND/OR ENCUMBRANCES BOTH APPARENT AND OF RECORD. NO TITLE SEARCH HAS BEEN MADE IN PREPARATION OF THIS WELL PLAT.

BRENNAN PLANTATIONS I, LP

FENCELINE CL. ROAD

LEGEND	
	SURFACE BOUNDARY
	PROPOSED GAS WELL TOPHOLE
	PROPOSED GAS WELL BOTTOMHOLE
	EXISTING GAS WELL
	SURVEYOR - WATER WELL
	SURVEYOR - SPRING
	WELL TIE LINES
	WELL BORE
	TRACT BOUNDARY

Well is located on topo map 10938 feet west of longitude 80° 02' 30"

SPCS GRID NORTH
PA SOUTH ZONE
NAD83

HUNT

AIKEN

BUPP

HARDT

MCDALD

PLESNAK

#9H
(Top Hole)

BUPP

ANNO

BUPP

SIBILLE

SUMMERS

STAUFFER

BREWSTER

BRENNAN BUILDERS, INC.

BRENNAN

BUPP

#9H
(Bottom Hole)

INTERSECTION
CL. OF ROADS

WHITESTOWN
RD. T-380

KNIESS RD.

A = N 51°20'25" E 3687.15'
B = S 21°58'05" W 5613.34'
C = N 15°01'46" W 3005.23'

Scale 1" = 1000' Tract Acreage 521.8039

JUL 15 2011

TRI-COUNTY ENGINEERING, LLC

Surveyor or Engineer JOHN M. VOZEL (724)635-0210

Dwg # REXOG37-2-9H Date 7/14/2011

Lat. & Long Metadata Method Direct GPS Accuracy SUB-METER ft. Datum NAD 83		Elevation Metadata Method DIRECT GPS Accuracy 2' ft. Datum NAVD88		Survey Date 1/26/2011	
Applicant/Well Operator Name REX ENERGY OPERATING Corp.		Well(Farm) Name PLESNAK UNIT		Well # 9H Serial #	
Address 476 ROLLING RIDGE DRIVE, Ste 300 STATE COLLEGE, PA 16801		County - Code BUTLER-10		Municipality LANCASTER TOWNSHIP	
Surface Landowner / Lessor JOSEPH D. & LINDA LEE PLESNAK		USGS 71/2 Quadrangle Map Name EVANS CITY 1205		Map Section 2 Surface Elevation 1282 ft.	
Target Formation(s) MARCELLUS		Angle & Course of Deviation (Drilling) DEVIATED-SEE ATTACHED		Anticulated Total Depth TVD 5315 TMD 10699	
Surface Owner or Water Purveyor with a Water Supply within 1,000 ft.		Approximate Course and Distance to Water Supply		Owner, Lessee, or Operator of Workable Coal Seam	
NONE					
				JUL 28 2011	
				ENVIRONMENTAL PROTECTION NORTHWEST REGIONAL OFFICE	



Project: PLESNIAC UNIT
Site: PLESNIAC UNIT 9H
Well: PLESNIAC UNIT 9H
Wellbore: PLESNIAC UNIT 9H
Design: PLESNIAC UNIT 9H 7/15/11

019-218

WELL DETAILS PLESNIAC UNIT 9H

+N/-S +E/-W Northing Easting Ground Level: Latitude Longitude
0.0 0.0 569189.18 1323848.81 40° 52' 20.690 N 80° 4' 52.400 W

DESIGN TARGET DETAILS

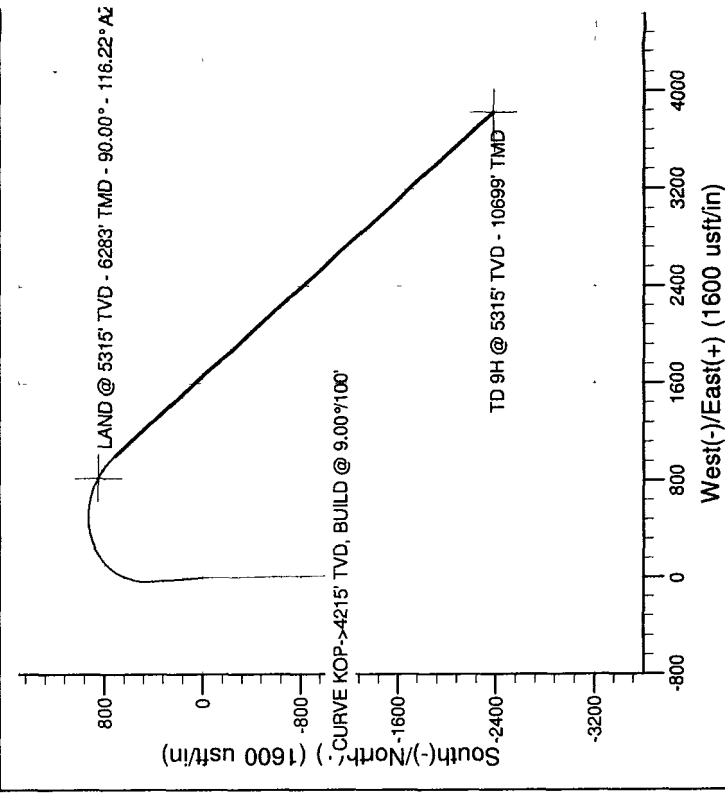
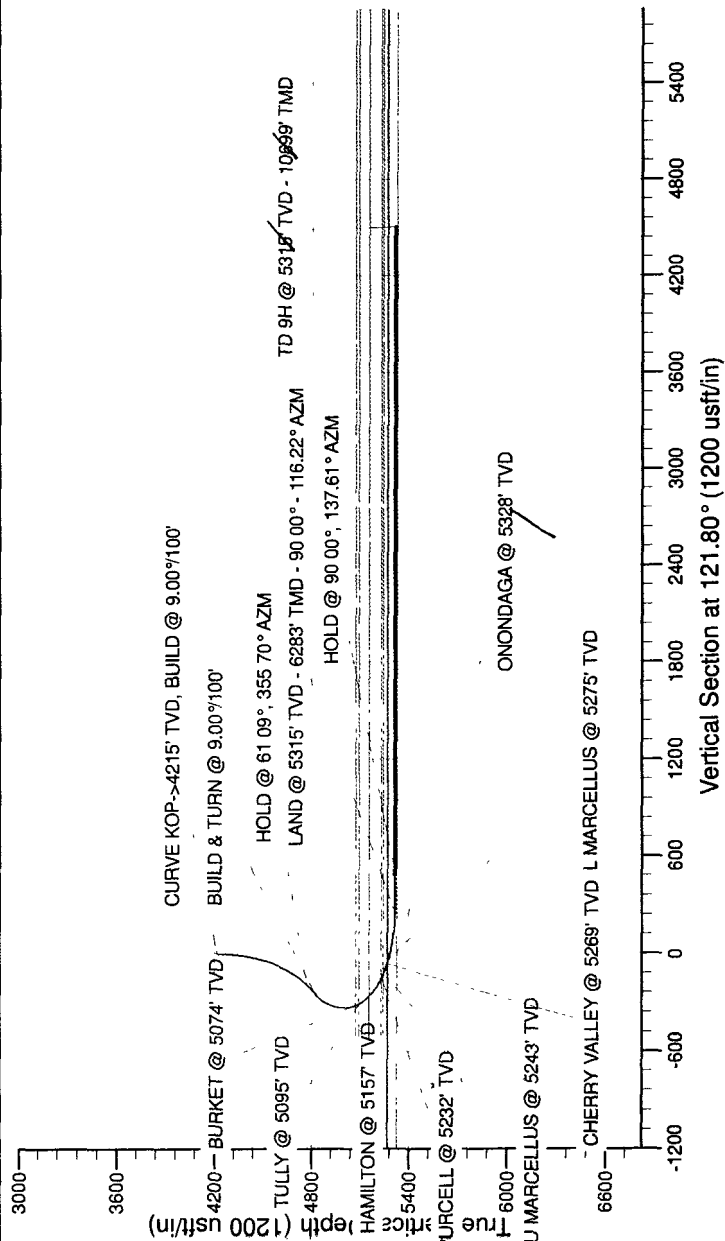
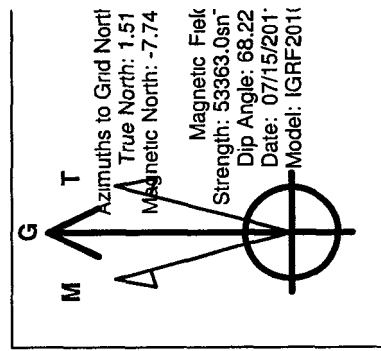
TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
LP 9H 5315.0	854.3	822.6	570043.43	1324671.46	40° 52' 29.342 N	80° 4' 41.988 W
TD 9H 5315.0	-2373.6	3828.6	566815.56	1327677.39	40° 51' 58.240 N	80° 4' 1.770 W

ANNOTATIONS

TVD	TMD	Inc	Azi	+N/-S	+E/-W	VSec	Departure	Annotation
4215.0	4215.0	0.00	0.00	0.00	0.00	0.00	0.00	CURVE KOP->4215' TVD, BUILD @ 9.00°/100'
4772.3	4893.8	61.09	355.70	327.9	-24.7	-193.8	328.9	HOLD @ 61.09° - 355.70° AZM
4818.6	4989.7	61.09	355.70	411.6	-31.0	-243.2	412.8	BUILD & TURN @ 9.00°/100'
5315.0	6283.0	90.00	116.22	854.3	822.6	249.0	1651.9	LAND @ 5315' TVD - 6283' TMD - 90.00° - 116.22° AZM
5315.0	6520.0	90.00	137.61	712.3	1011.6	484.4	1889.8	HOLD @ 90.00° - 137.61° AZM
5315.0	10699.0	90.00	137.61	-2373.6	3828.6	4504.7	6068.0	TD @ 5315' TVD - 10699' TMD

SECTION DETAILS

TMD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSec	Target
4215.0	0.00	0.00	4215.0	0.00	0.00	0.00	0.00	0.00	
4893.8	61.09	355.70	4772.3	327.9	-24.7	9.00	355.70	-193.8	
4989.7	61.09	355.70	4818.6	411.6	-31.0	0.00	0.00	-243.2	
6283.0	90.00	116.22	5315.0	854.3	822.6	9.00	105.91	249.0	LP 9H
6520.0	90.00	137.61	5315.0	712.3	1011.6	9.00	90.00	484.4	
10699.0	90.00	137.61	5315.0	-2373.6	3828.6	0.00	0.00	4504.7	TD 9H





pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
Oil and Gas Management Program
WELL LOCATION PLAT

DEP USE ONLY	DEP Application Tracking #	G
	Permit #	8/20/2011
	Project #	019-21890

Denotes location of well on topo map True Latitude: NORTH (NAD83) $40^{\circ} 52' 20.60''$ True Longitude: WEST (NAD83) $80^{\circ} 04' 52.24''$ Projected bottom hole Latitude: NORTH (NAD83) $40^{\circ} 51' 57.43''$ Longitude: WEST (NAD83) $80^{\circ} 04' 09.87''$		Well is located on topo map <u>951</u> feet south of latitude <u>40</u> <u>52</u> <u>30</u> 0' 1000' 2000'	
NOTE: THIS PLAT IS FOR WELL LOCATION PURPOSES ONLY AND DOES NOT REPRESENT A COMPLETE BOUNDARY SURVEY. CORNERS AND LINES PERTINENT TO LOCATING THE PROPOSED WELL ARE FROM FIELD SURVEY. OTHER LINES AND FEATURES SHOWN ARE FROM TAX MAPS AND/OR DEEDS. THE INFORMATION PRESENTED SHOULD NOT BE UTILIZED FOR ANY OTHER PURPOSES. THIS PROPERTY IS SUBJECT TO ANY EASEMENTS, RIGHT-OF-WAY AND/OR ENCUMBRANCES BOTH APPARENT AND OF RECORD. NO TITLE SEARCH HAS BEEN MADE IN PREPARATION OF THIS WELL PLAT.		LEGEND — SURFACE BOUNDARY ○ PROPOSED GAS WELL TOPHOLE ⊕ PROPOSED GAS WELL BOTTOMHOLE * EXISTING GAS WELL ● PURVEYOR - WATER WELL ● PURVEYOR - SPRING --- WELL TIE LINES --- WELL BORE --- TRACT BOUNDARY	
Map showing well location (Well #10) and surrounding tracts: HUNT, BRENNAN PLANTATIONS I, LP, AIKEN, BUPP, HARDT, MCDAID, STAUFFER, BREWSTER, ANNO, BRENNAN BUILDERS, INC., BRENNAN, SUMMERS, SIBILLE, KNIES RD., WHITESTOWN RD. T-380, STONE CHURCH RD., INTERSECTION CL OF ROADS, #10H (TopHole), #10 (BotHole). SPCS GRID NORTH PA SOUTH ZONE NAD83 HUNT BRENNAN PLANTATIONS I, LP AIKEN BUPP HARDT MCDAID STAUFFER BREWSTER ANNO BRENNAN BUILDERS, INC. BRENNAN SUMMERS SIBILLE KNIES RD. WHITESTOWN RD. T-380 STONE CHURCH RD. INTERSECTION CL OF ROADS #10H (TopHole) #10 (BotHole)			
JUL 15 2011 TRI-COUNTY ENGINEERING, LLC Surveyor or Engineer JOHN M. VOZEL (724)635-0210		Date 7/14/2011 Scale 1" = 1000' Tract Acreage 521.8039	
Lat. & Long Metadata Method Direct GPS Accuracy SUB-METER ft. Datum NAD 83		Elevation Metadata Method DIRECT GPS Accuracy 2' ft. Datum NAVD88	
Survey Date 1/26/2011		Well # 10H	
Applicant / Well Operator Name REX ENERGY OPERATING Corp.		Well (Farm) Name PLESNAK UNIT	
Address 476 ROLLING RIDGE DRIVE, Ste 300 STATE COLLEGE, PA 16801		County - Code BUTLER-10 Municipality LANCASTER TOWNSHIP	
Surface Landowner / Lessor JOSEPH D. & LINDA LEE PLESNAK		Well Type GAS	
Target Formation(s) MARCELLUS		USGS 71/2 Quadrangle Map Name EVANS CITY 1205	
Surface Owner or Water Purveyor with a Water Supply within 1,000 ft.		Map Section 2 Surface Elevation 1282 ft.	
Approximate Course and Distance to Water Supply		Anticipated Total Depth TVD 5315 TMD 9306	
Owner, Lessee, or Operator of Workable Coal Seam		Name of Coal Seam Owned by	
NONE		JUL 28 2011	
ENVIRONMENTAL PROTECTION NORTHWEST REGIONAL OFFICE			



Project: PLESNAK UNIT
Site: PLESNAK UNIT 10H
Well: PLESNAK UNIT 10H
Wellbore: PLESNAK UNIT 10H
Design: PLESNAK UNIT 10H 7/15/11

019-8187

WELL DETAILS PLESNAK UNIT 10H

+N/-S +E/-W Northing Easting Ground Level
0.0 0.0 569179.75 1323860.86 40° 52' 20.600 N

Longitude
80° 4' 52.240 W
Latitude
40° 52' 22.433 N
Longitude
80° 4' 41.066 W
Latitude
40° 51' 57.430 N
Longitude
80° 4' 9.870 W

DESIGN TARGET DETAILS

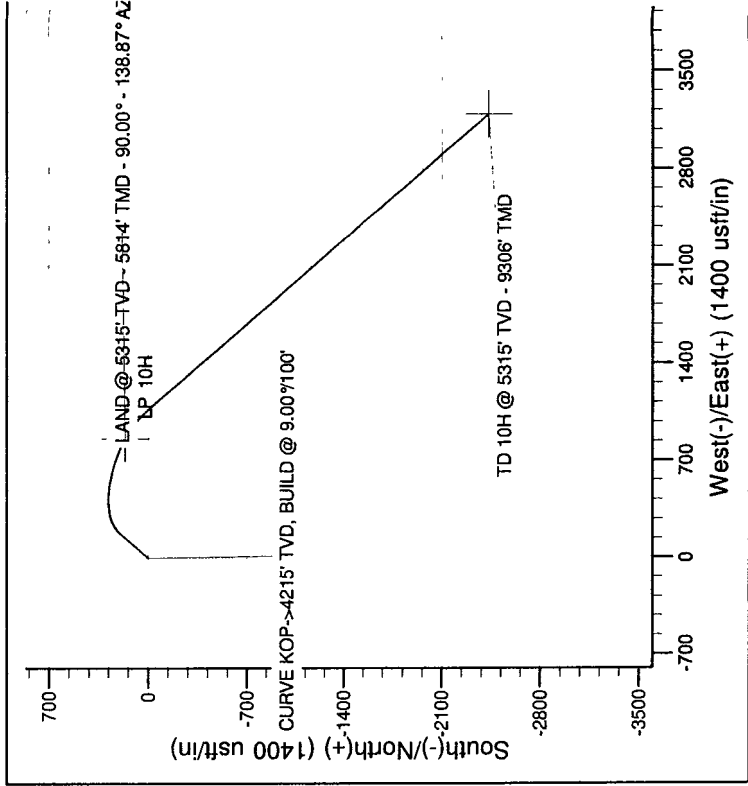
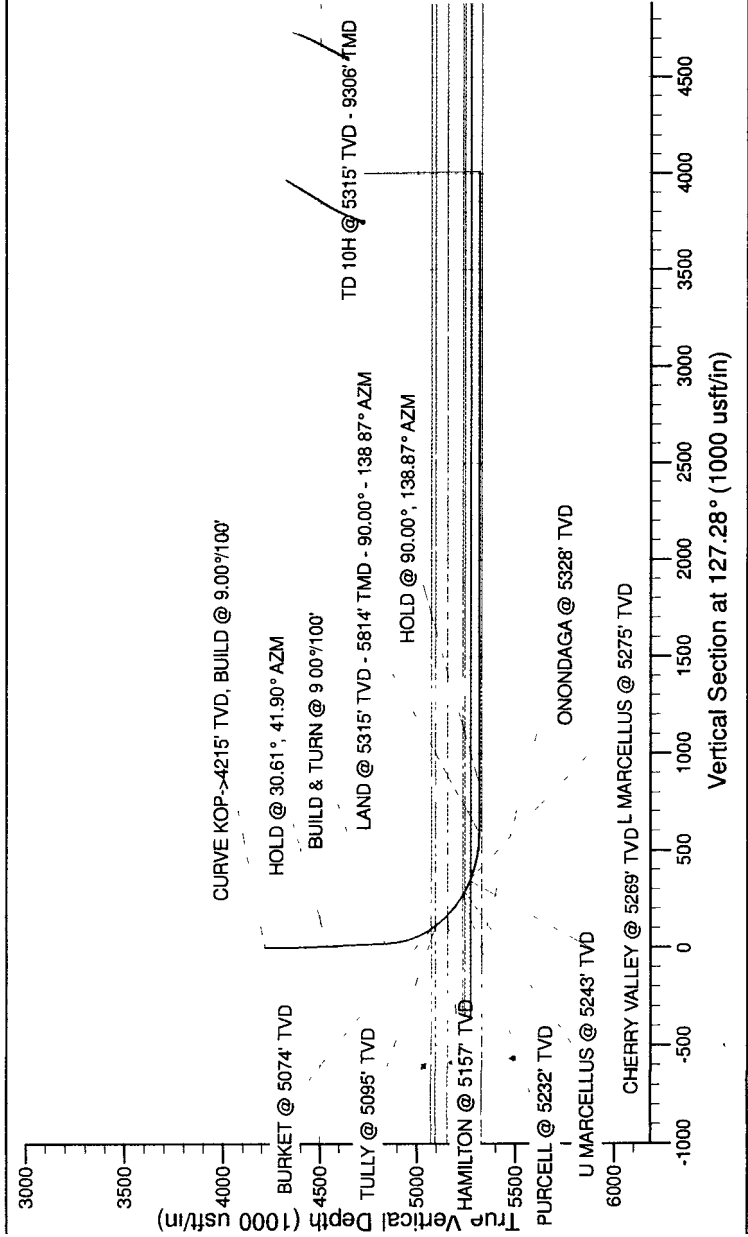
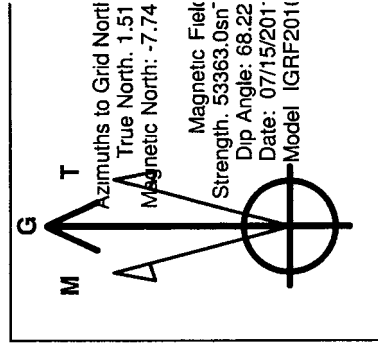
TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
LP 10H 5315.0	0.0	0.0	569179.75	1323860.86	40° 52' 20.600 N	80° 4' 52.240 W
TD 10H 5315.0	-2429.8	3192.3	566749.95	1327053.13	40° 51' 57.430 N	80° 4' 9.870 W

ANNOTATIONS

TVD	TMD	Inc	Azi	+N/-S	+E/-W	VSec	Departure	Annotation
4215.0	4215.0	0.00	0.00	0.0	0.0	0.0	0.0	CURVE KOP->4215' TVD, BUILD @ 9.00°/100'
4539.1	4555.1	30.61	41.90	66.0	59.2	7.1	88.7	HOLD @ 30.61°, 41.90° AZM
4837.9	4902.2	30.61	41.90	197.6	177.3	21.4	265.5	BUILD & TURN @ 9.00°/100'
5315.0	5814.4	90.00	116.22	162.8	863.0	588.1	1022.8	LAND @ 5315' TVD - 5814° TMD - 90.00° - 138.87° AZM
5315.0	6066.0	90.00	138.87	10.4	1061.2	838.2	1274.4	HOLD @ 90.00°, 138.87° AZM
5315.0	9306.7	90.00	138.87	-2429.8	3192.3	4011.8	4514.2	TD @ 5315' TVD - 9306' TMD

SECTION DETAILS

TMD	Inc	Azi	+N/-S	+E/-W	Dleg	TFace	VSec	Target
4215.0	0.00	0.00	0.0	0.0	0.00	0.00	0.0	0.0
4555.1	30.61	41.90	66.0	59.2	9.00	41.90	7.1	7.1
4902.2	30.61	41.90	197.6	177.3	0.00	0.00	21.4	21.4
5814.4	90.00	116.22	162.8	863.0	9.00	76.42	588.1	LP 10H
6066.0	90.00	138.87	10.4	1061.2	9.00	90.00	838.2	TD 10H
9306.7	90.00	138.87	-2429.8	3192.3	0.00	0.00	4011.8	TD 10H

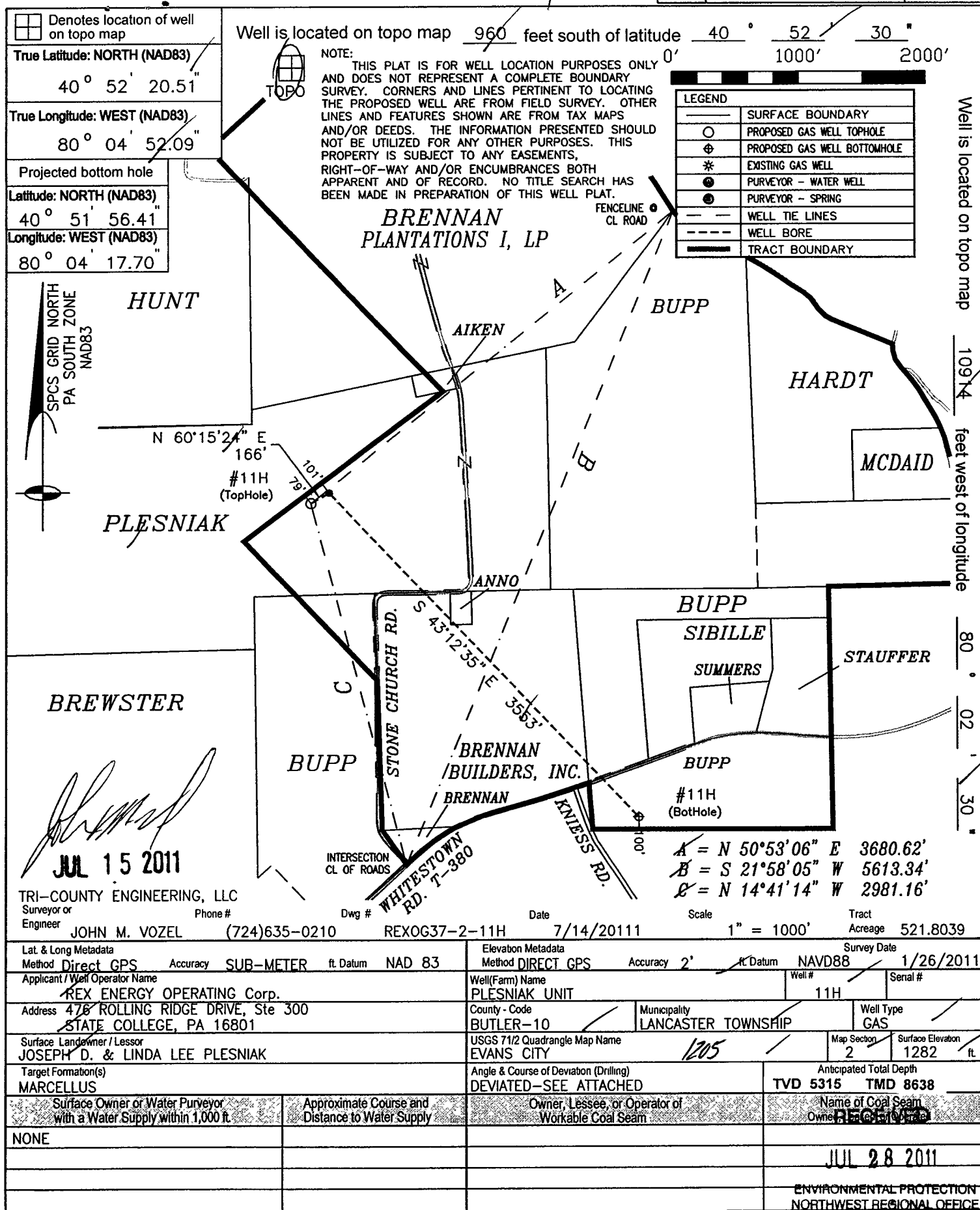


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ENVIRONMENTAL PROTECTION
NORTHWEST REGIONAL OFFICE

**DEP
USE
ONLY**

16

1





Project: PLESNIAK UNIT 11H
Site: PLESNIAK UNIT 11H
Well: PLESNIAK UNIT 11H
Wellbore: PLESNIAK UNIT 11H
Design: PLESNIAK UNIT 11H 7/15/11

WELL DETAILS: PLESNIAK UNIT 11H

+N/-S +E/-W Northing Easting Ground Level
0 0 0.0 569170.24 1323872.14 40° 52' 20.510 N 80° 4' 52.090 W

DESIGN TARGET DETAILS

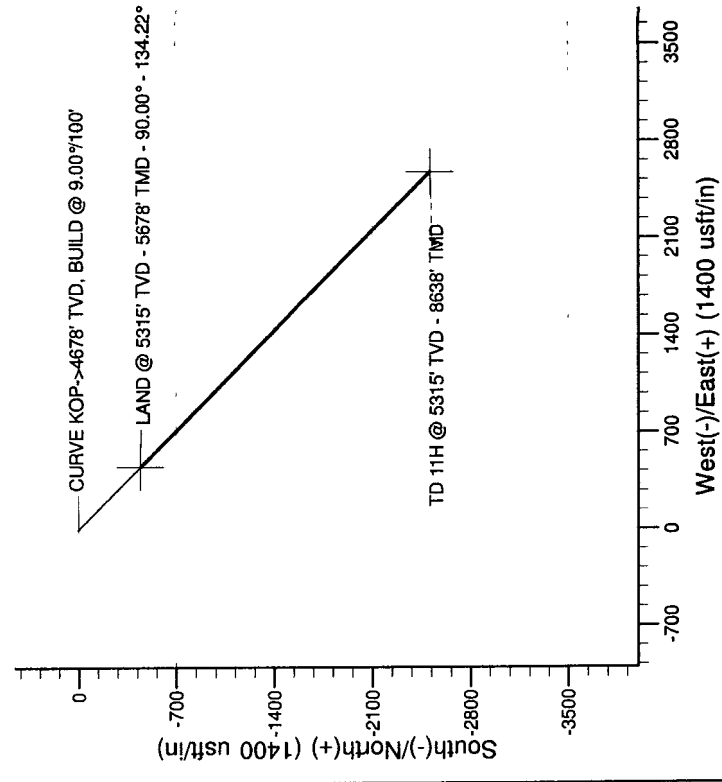
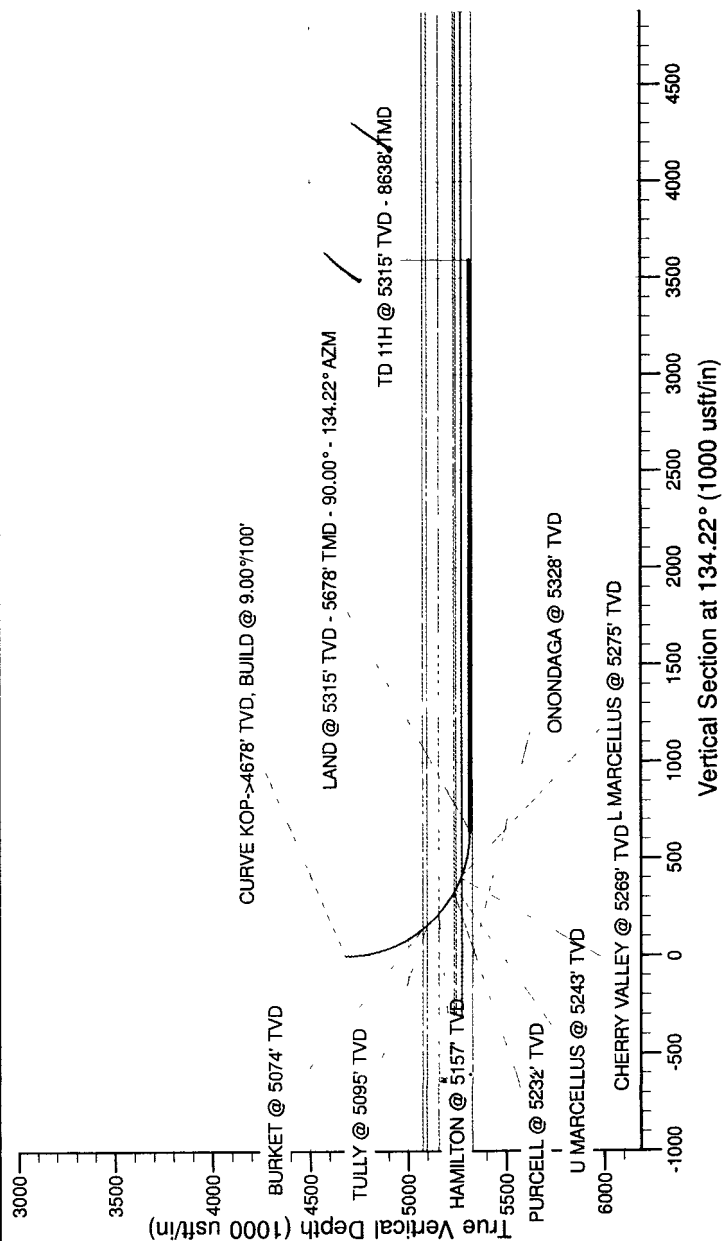
	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
LP 11H	5315.0	-444.0	456.2	568726.36	1324328.340	52° 16.244 N	80° 4' 46.001 W
TD 11H	5315.0	-2507.8	2576.9	566662.57	1326449.040	51° 56.410 N	80° 4' 17.700 W

ANNOTATIONS

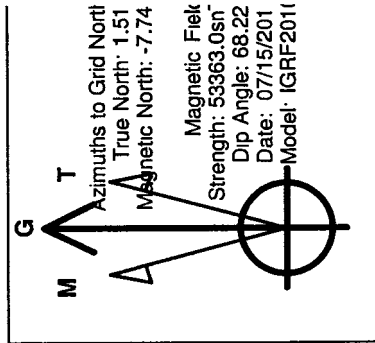
TVD	TMD	Inc	Azi	+N/-S	+E/-W	VSec	Departure	Annotation
4678.4	4678.4	0.00	0.00	0.0	0.0	0.0	0.0	CURVE KOP->4678' TVD, BUILD @ 9.00°/100'
5315.0	5678.4	90.00	134.22	-444.0	456.2	636.6	636.6	LAND @ 5315' TVD - 5678' TMD - 90.00° - 134.22° AZM
5315.0	8637.5	90.00	134.22	-2507.8	2576.9	3595.7	3595.7	TD @ 5315' TVD - 8638' TMD

SECTION DETAILS

TMD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSec	Target
4678.4	0.00	0.00	4678.4	0.0	0.0	0.00	0.00	0.0	
5678.4	90.00	134.22	5315.0	-444.0	456.2	9.00	134.22	636.6	LP 11H
8637.5	90.00	134.22	5315.0	-2507.8	2576.9	0.00	0.00	3595.7	TD 11H



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NORTHWEST REGIONAL OFFICE
BDC





COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
Oil and Gas Management Program
WELL LOCATION PLAT

DEP SE ONLY	DEP Application Tracking #	488
	Permit #	4/14/11
	Project #	019-21848
		C.

☐ Denotes location of well on topo map

True Latitude: NORTH (NAD83)

40° 52' 20.87"

True Longitude: WEST (NAD83)

80° 04' 52.71"

Projected bottom hole

Latitude: NORTH (NAD83)

40° 52' 55.07"

Longitude: WEST (NAD83)

80° 05' 24.52"

Well is located on topo map 923 feet south of latitude 40° 52' 30" 0' 1000' 2000'

NOTE: ☐ TOPO

THIS PLAT IS FOR WELL LOCATION PURPOSES ONLY AND DOES NOT REPRESENT A COMPLETE BOUNDARY SURVEY. CORNERS AND LINES PERTINENT TO LOCATING THE PROPOSED WELL ARE FROM FIELD SURVEY. OTHER LINES AND FEATURES SHOWN ARE FROM TAX MAPS AND/OR DEEDS. THE INFORMATION PRESENTED SHOULD NOT BE UTILIZED FOR ANY OTHER PURPOSES. THIS PROPERTY IS SUBJECT TO ANY EASEMENTS, RIGHT-OF-WAY AND/OR ENCUMBRANCES BOTH APPARENT AND OF RECORD. NO TITLE SEARCH HAS BEEN MADE IN PREPARATION OF THIS WELL PLAT.

LEGEND	
	SURFACE BOUNDARY
	PROPOSED GAS WELL TOPHOLE
	PROPOSED GAS WELL BOTTOMHOLE
	EXISTING GAS WELL
	PURVEYOR - WATER WELL
	PURVEYOR - SPRING
	WELL TIE LINES
	WELL BORE
	TRACT BOUNDARY

Well is located on topo map

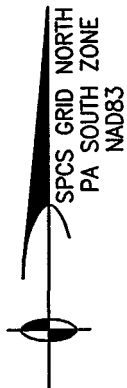
10962

feet west of longitude

80°

02'

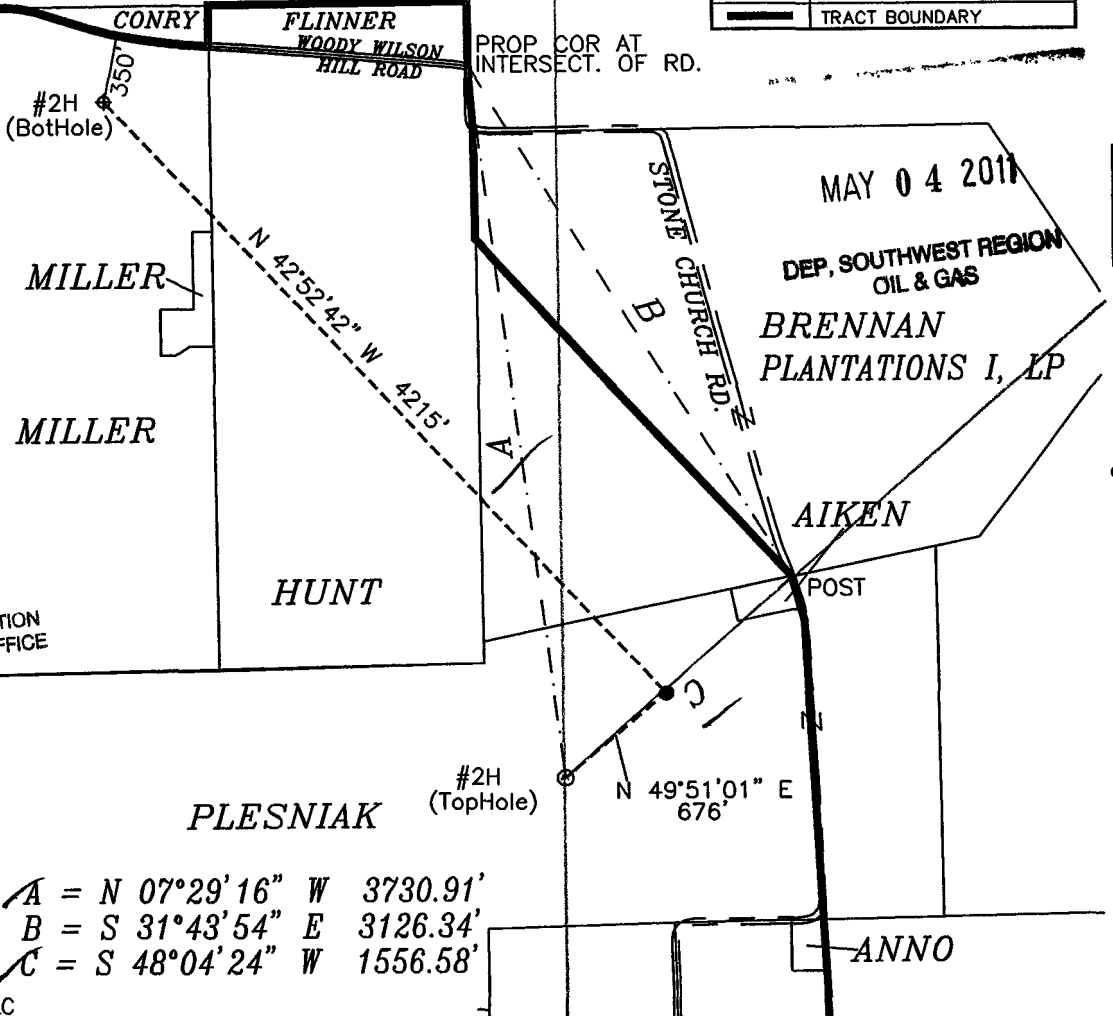
30"



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MAR 22 2011

ENVIRONMENTAL PROTECTION
NORTHWEST REGIONAL OFFICE



FEB 16 2011

TRI-COUNTY ENGINEERING, LLC

Surveyor or
Engineer

JOHN M. VOZEL

Phone #

(724)832-8814

Dwg #

REXOG37-2-2H

Date

2/15/2011

Scale

1" = 1000'

Tract

Acreage 521.511

Lat. & Long Metadata Method Direct GPS Accuracy SUB-METER ft. Datum NAD 83	Elevation Metadata Method DIRECT GPS Accuracy 2' ft. Datum NAVD88	Survey Date 1/26/2011
Applicant / Well Operator Name REX ENERGY OPERATING Corp.	Well(Farm) Name PLESNIAK UNIT	Well # 2H
Address 476 ROLLING RIDGE DRIVE, Ste 300 STATE COLLEGE, PA 16801	County - Code BUTLER-10	Municipality LANCASTER TOWNSHIP
Surface Landowner / Lessor JOSEPH D. & LINDA LEE PLESNIAK	USGS 7 1/2 Quadrangle Map Name EVANS CITY	Well Type GAS
Target Formation(s) MARCELLUS	Angle & Course of Deviation (Drilling) DEVIATED-SEE ATTACHED	Anticipated Total Depth TVD 5235 TMD 9270
Surface Owner or Water Purveyor Within Water Supply Within 1000 ft.	Approximate Course and Distance to Water Supply	Owner, Lessee, or Operator of Workable Coal Seam
NONE		Name of Coal Seam Owned, Leased, or Operated

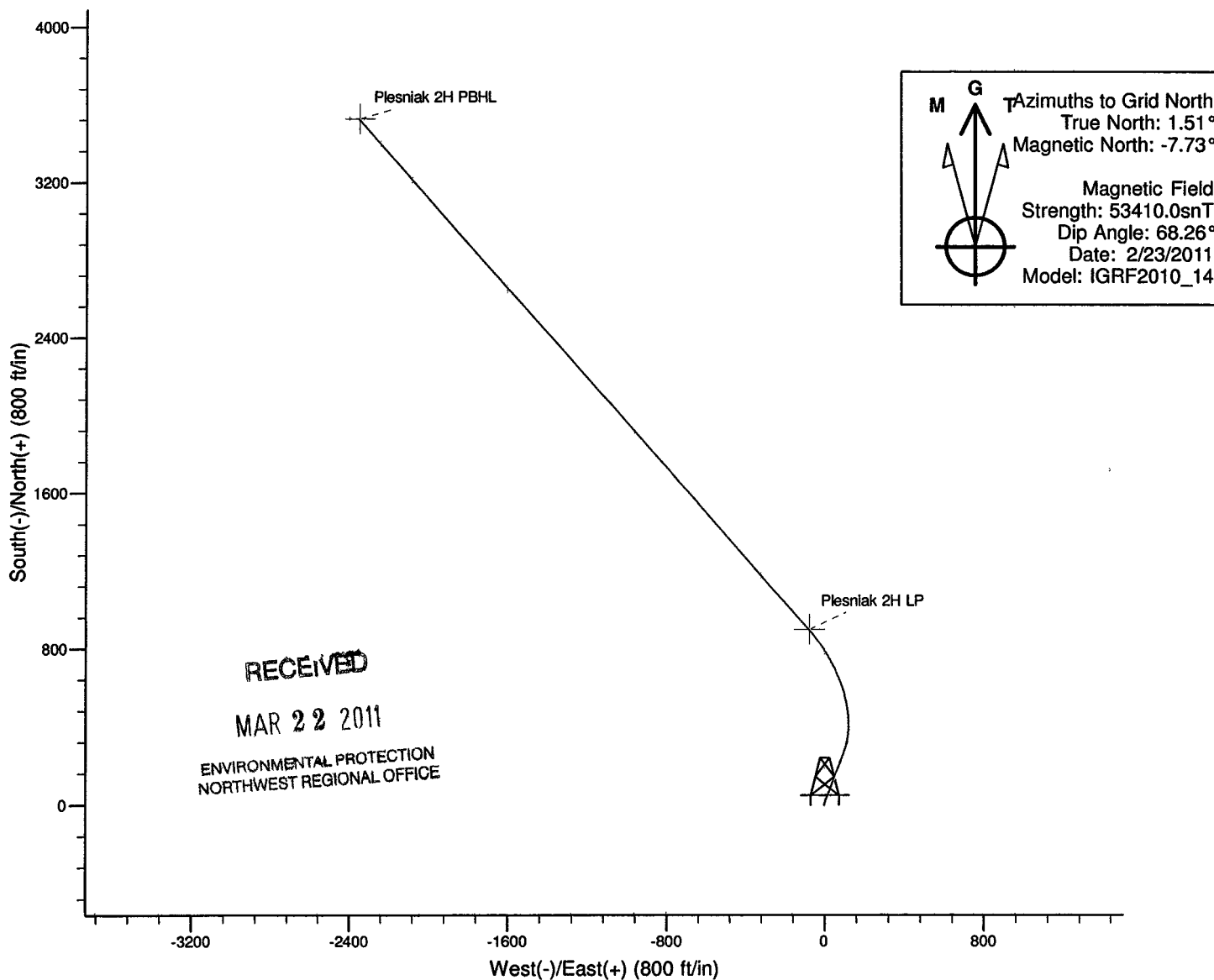
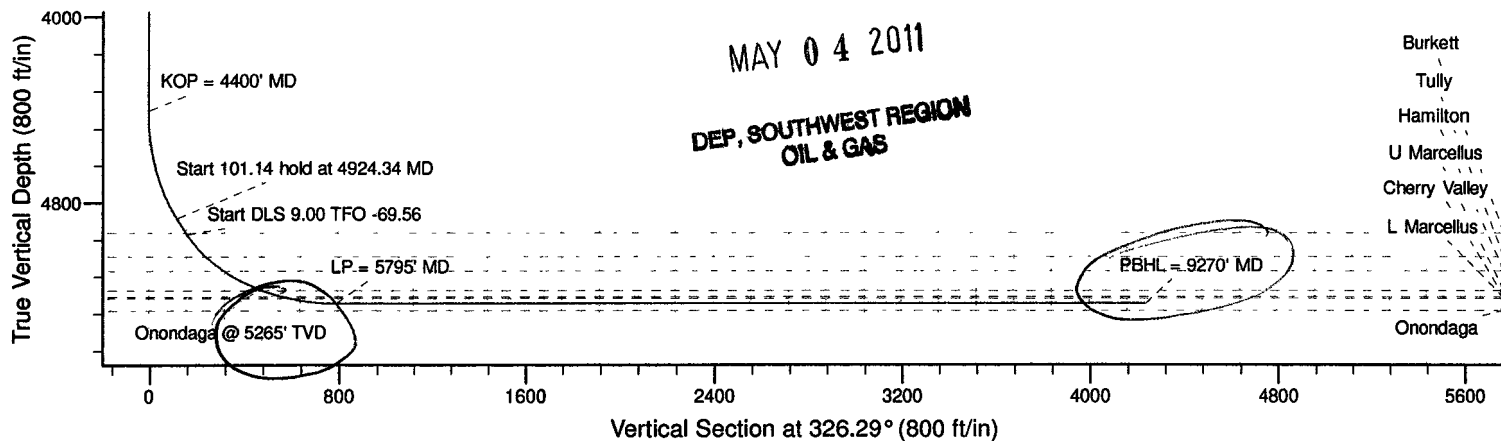


PHOENIX
TECHNOLOGY SERVICES USA INC.

019-21848

Rex Energy

Project: Butler County, PA
Site: Butler County 2H
Well: Plesniak Unit 2H
Wellbore: Plesniak
Design: 2H Plan





COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
Oil and Gas Management Program
WELL LOCATION PLAT

DEP USE ONLY	DEP Application Tracking #	8/14/11
	Permit #	019-21847
	Project #	C

☐ Denotes location of well on topo map.

True Latitude: NORTH (NAD83)

40° 52' 20.96"

True Longitude: WEST (NAD83)

80° 04' 52.86"

Projected bottom hole

Latitude: NORTH (NAD83)

40° 52' 52.31"

Longitude: WEST (NAD83)

80° 05' 30.08"

Well is located on topo map 914 feet south of latitude 40° 52' 30" 0' 1000' 2000'

NOTE ☐ TOPO

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LEGEND	
—	SURFACE BOUNDARY
○	PROPOSED GAS WELL TOPHOLE
⊕	PROPOSED GAS WELL BOTTOMHOLE
*	EXISTING GAS WELL
●	PURVEYOR - WATER WELL
⊙	PURVEYOR - SPRING
---	WELL TIE LINES
---	WELL BORE
---	TRACT BOUNDARY

Well is located on topo map

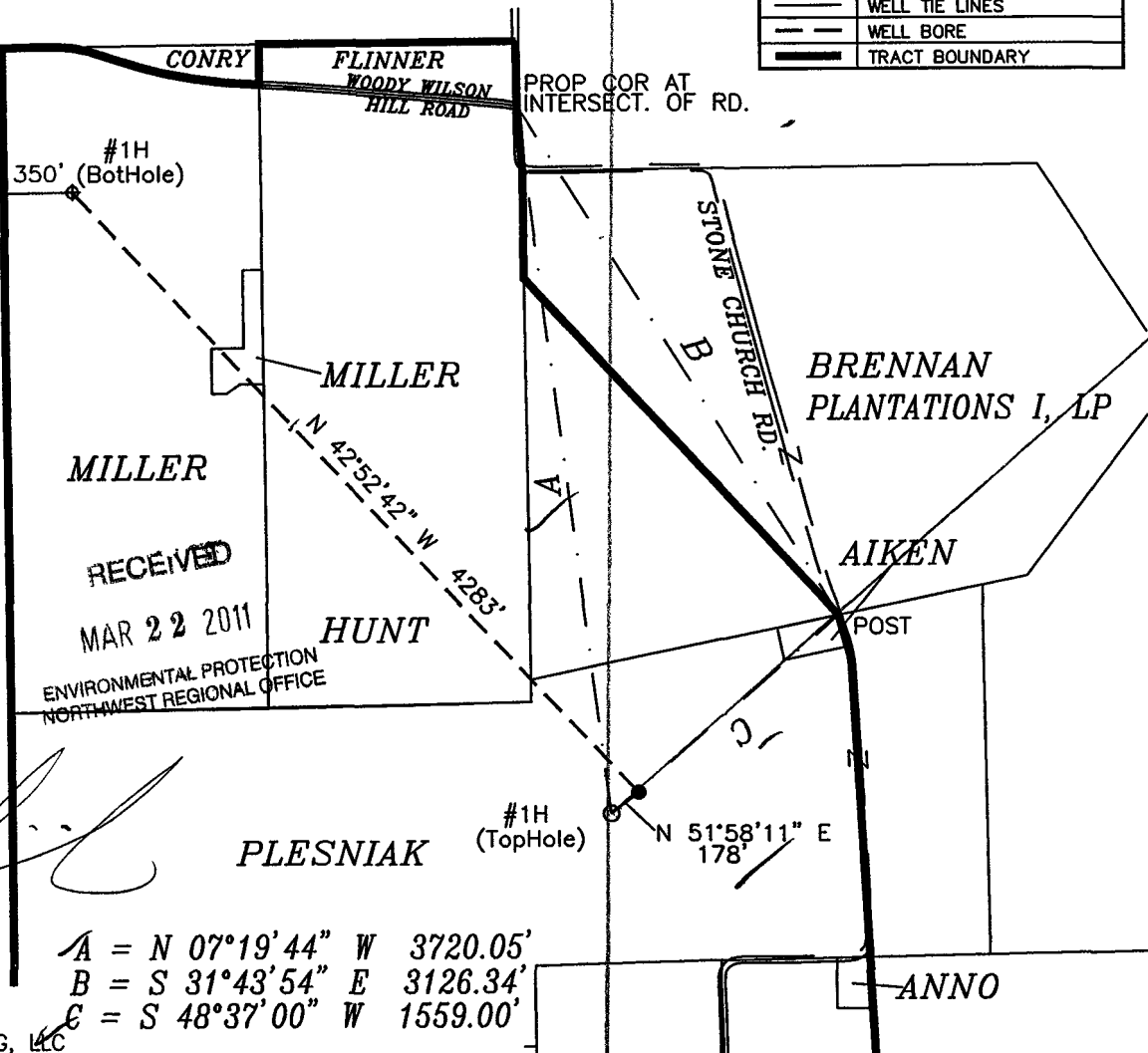
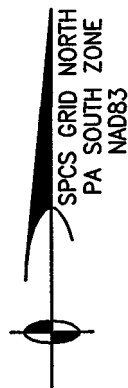
10973

feet west of longitude

80°

02'

30"



A = N 07°19'44" W 3720.05'
B = S 31°43'54" E 3126.34'
C = S 48°37'00" W 1559.00'

FFB 18 '11

TRI-COUNTY ENGINEERING, LLC

Surveyor or Engineer

Phone #

Dwg #

Date

Scale

Tract

Acreage 521.511

STEPHEN PILIPOVICH (724)832-8814

REXOG37-2-1H

2/15/2011

1" = 1000'

Lat. & Long Metadata Method Direct GPS Accuracy SUB-METER ft. Datum NAD 83		Elevation Metadata Method DIRECT GPS Accuracy 2' ft. Datum NAVD88		Survey Date 1/26/2011	
Applicant / Well Operator Name REX ENERGY OPERATING Corp.		Well(Farm) Name PLESNIAK UNIT		Well # 1H	Serial #
Address 476 ROLLING RIDGE DRIVE, Ste 300 STATE COLLEGE, PA 16801		County - Code BUTLER-10		Municipality LANCASTER TOWNSHIP	Well Type GAS
Surface Landowner / Lessor JOSEPH D. & LINDA LEE PLESNIAK		USGS 71/2 Quadrangle Map Name EVANS CITY		Map Section 2	Surface Elevation 1282 ft.
Target Formation(s) MARCELLUS		Angle & Course of Deviation (Drilling) DEVIATED-SEE ATTACHED		Anticipated Total Depth TVD 5300 TMD 9216	
Surface Owner or Water Purveyor with a Water Supply within 1,000 ft.		Approximate Course and Distance to Water Supply		Owner, Lessee, or Operator of Workable Coal Seam	
Name of Coal Seam Owned, Leased, or Operated					
NONE					

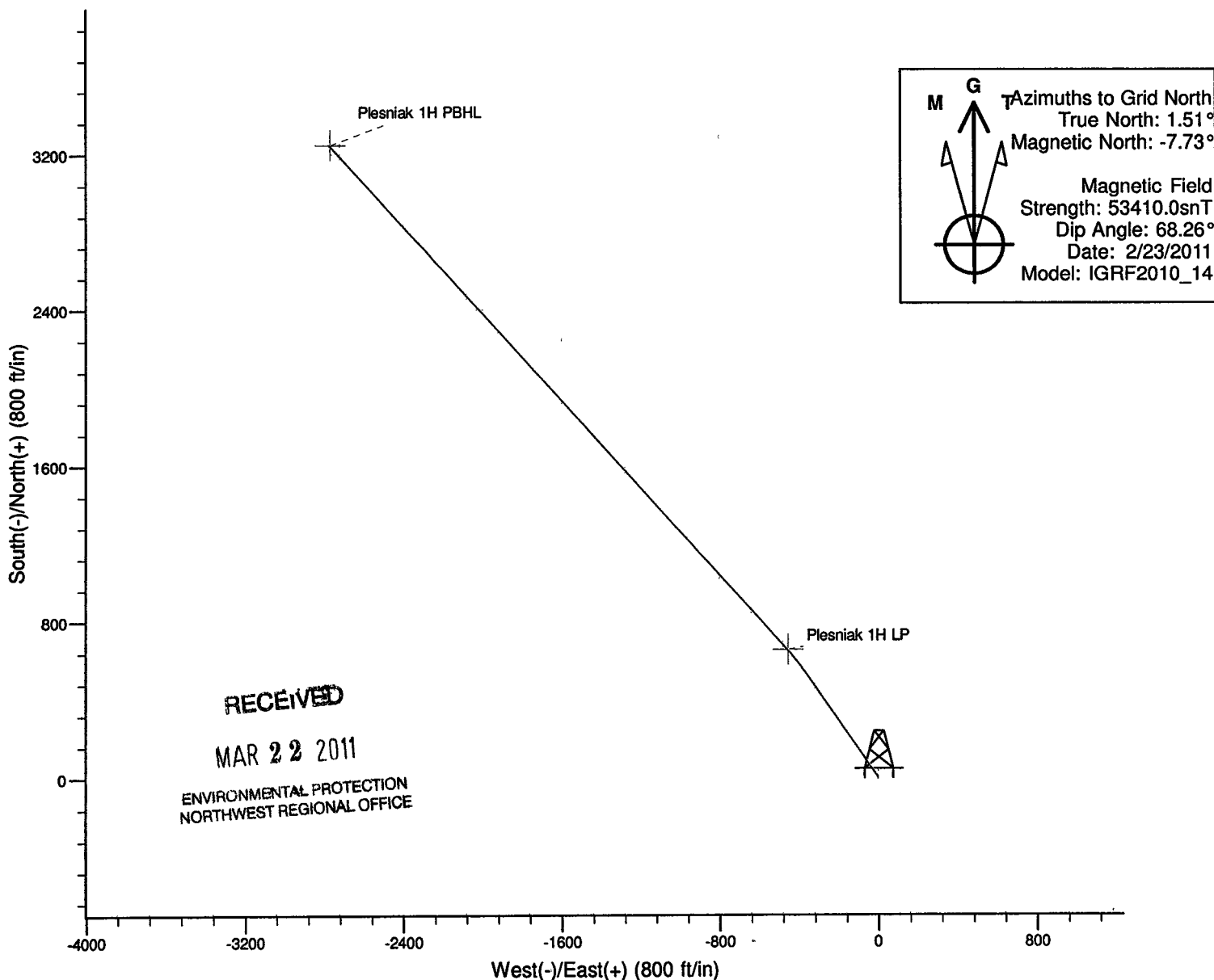
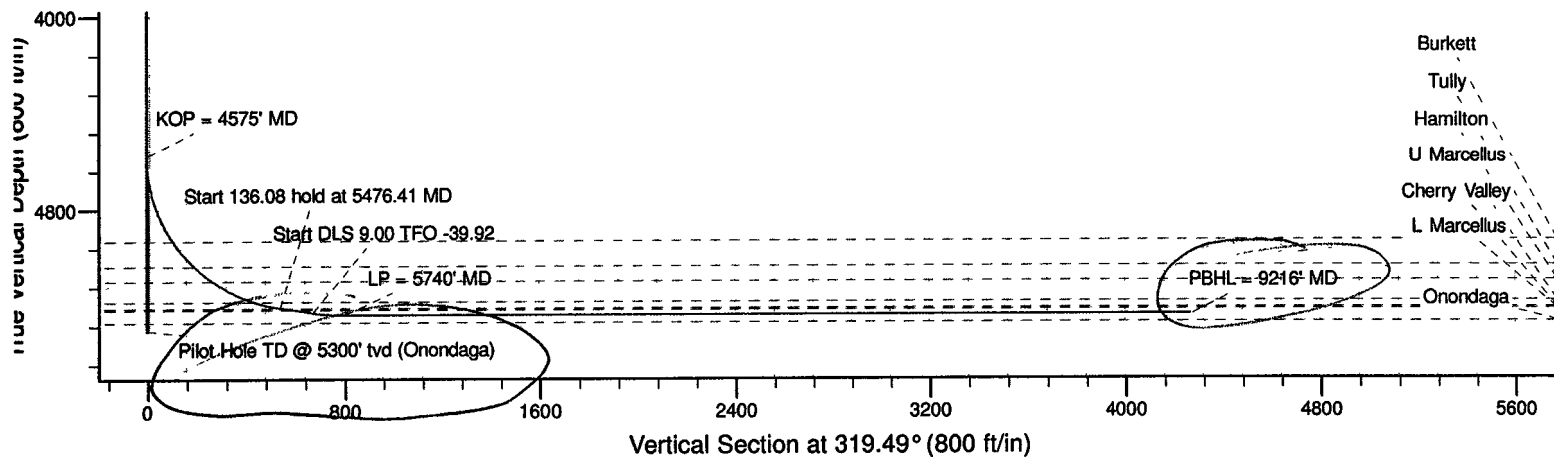


PHOENIX
TECHNOLOGY SERVICES USA INC.

019 -21847

Rex Energy

Project: Butler County, PA
Site: Butler County 1H
Well: Plesniak Unit 1H
Wellbore: Plesniak
Design: 1H Plan





pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
Oil and Gas Management Program
WELL LOCATION PLAT

DEP USE ONLY	DEP Application Tracking #	148
	Permit #	14-4-11
	Project #	019-21849
		C

☐ Denotes location of well on topo map

True Latitude: NORTH (NAD83)

40° 52' 20.78"

True Longitude: WEST (NAD83)

80° 04' 52.55"

Projected bottom hole

Latitude: NORTH (NAD83)

40° 52' 57.08"

Longitude: WEST (NAD83)

80° 05' 18.00"

Well is located on topo map 933 feet south of latitude 40° 52' 30"
0' 1000' 2000'

NOTE ☐ TOPO

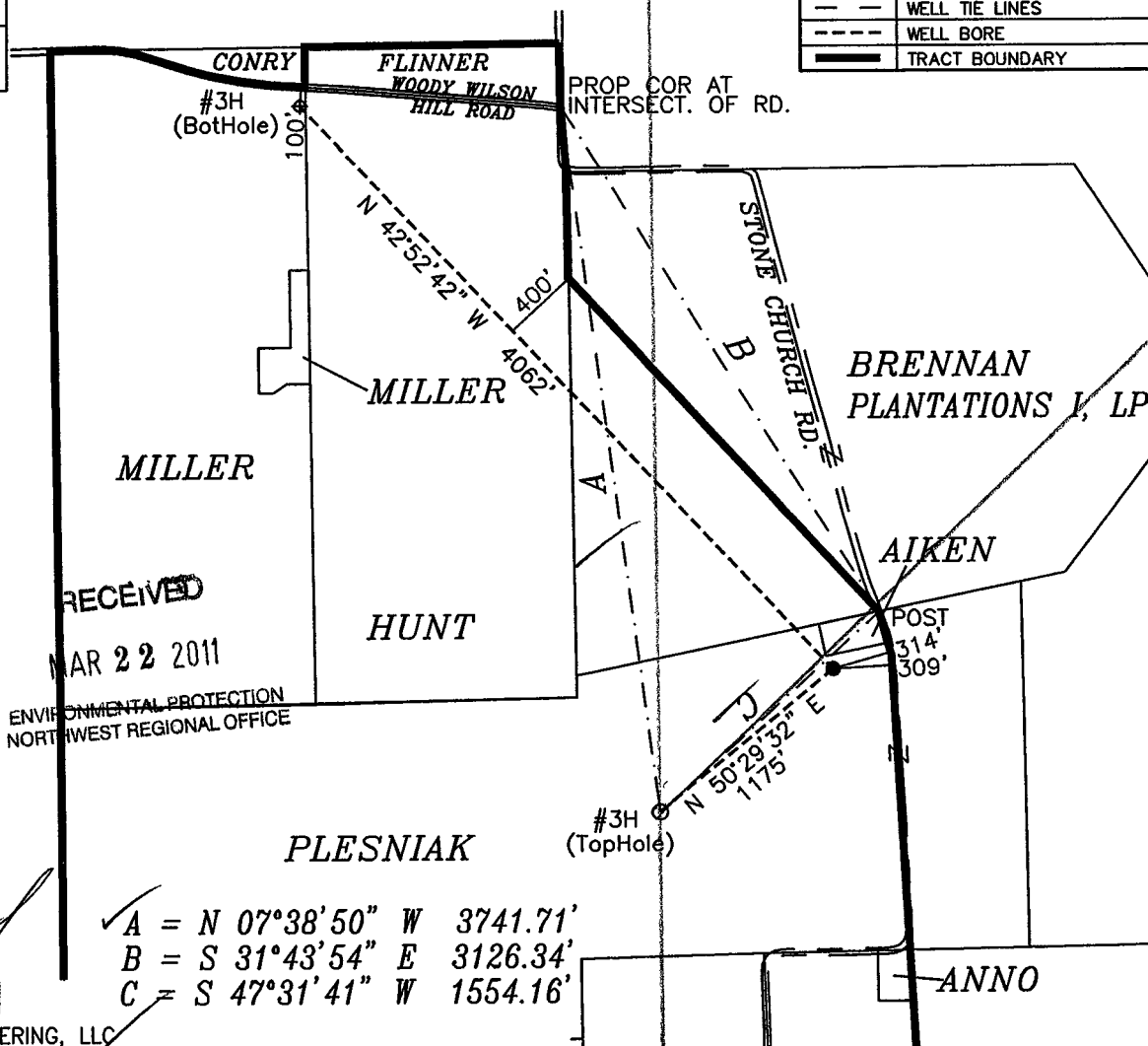
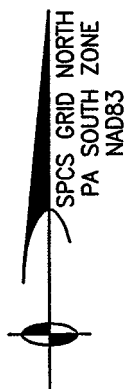
THIS PLAT IS FOR WELL LOCATION PURPOSES ONLY AND DOES NOT REPRESENT A COMPLETE BOUNDARY SURVEY. CORNERS AND LINES PERTINENT TO LOCATING THE PROPOSED WELL ARE FROM FIELD SURVEY. OTHER LINES AND FEATURES SHOWN ARE FROM TAX MAPS AND/OR DEEDS. THE INFORMATION PRESENTED SHOULD NOT BE UTILIZED FOR ANY OTHER PURPOSES. THIS PROPERTY IS SUBJECT TO ANY EASEMENTS, RIGHT-OF-WAY AND/OR ENCUMBRANCES, BOTH APPARENT AND OF RECORD. NO TITLE SEARCH HAS BEEN MADE IN PREPARATION OF THIS WELL PLAT.

LEGEND	
—	SURFACE BOUNDARY
○	PROPOSED GAS WELL TOPHOLE
⊕	PROPOSED GAS WELL BOTTOMHOLE
*	EXISTING GAS WELL
●	PURVEYOR - WATER WELL
⊙	PURVEYOR - SPRING
---	WELL TIE LINES
----	WELL BORE
=====	TRACT BOUNDARY

Well is located on topo map

10949 feet west of longitude

80° 02' 30"



RECEIVED
MAR 22 2011
ENVIRONMENTAL PROTECTION
NORTHWEST REGIONAL OFFICE

✓ A = N 07°38'50" W 3741.71'
B = S 31°43'54" E 3126.34'
C = S 47°31'41" W 1554.16'

TRI-COUNTY ENGINEERING, LLC

Surveyor or Engineer

JOHN M. VOZEL

Phone #

(724)832-8814

Dwg #

REXOG37-2-3H

Date

2/15/2011

Scale

1" = 1000'

Tract

Acreage

521.511

Lat. & Long Metadata

Method Direct GPS

Accuracy

SUB-METER

ft. Datum

NAD 83

Elevation Metadata

Method DIRECT GPS

Accuracy 2'

ft. Datum

NAVD88

Survey Date

1/26/2011

Applicant / Well Operator Name

REX ENERGY OPERATING Corp.

Well(Farm) Name

PLESNAK UNIT

Well #

3H

Serial #

Address 476 ROLLING RIDGE DRIVE, Ste 300
STATE COLLEGE, PA 16801

County - Code

BUTLER-10

Municipality

LANCASTER TOWNSHIP

Well Type

GAS

Surface Landowner / Lessor

JOSEPH D. & LINDA LEE PLESNAK

USGS 71/2 Quadrangle Map Name

EVANS CITY

Map Section

2

Surface Elevation

1282 ft.

Target Formation(s)

MARCELLUS

Angle & Course of Deviation (Drilling)

DEVIATED-SEE ATTACHED

Anticipated Total Depth

TVD 5235

TMD 9607

Surface Owner or Water Purveyor
with a Water Supply within 1,000 ft.

Approximate Course and
Distance to Water Supply

Owner / Lessee or Operator of
Workable Coal Seam

Name of Coal Seam
Owned, Leased, or Operated

NONE			

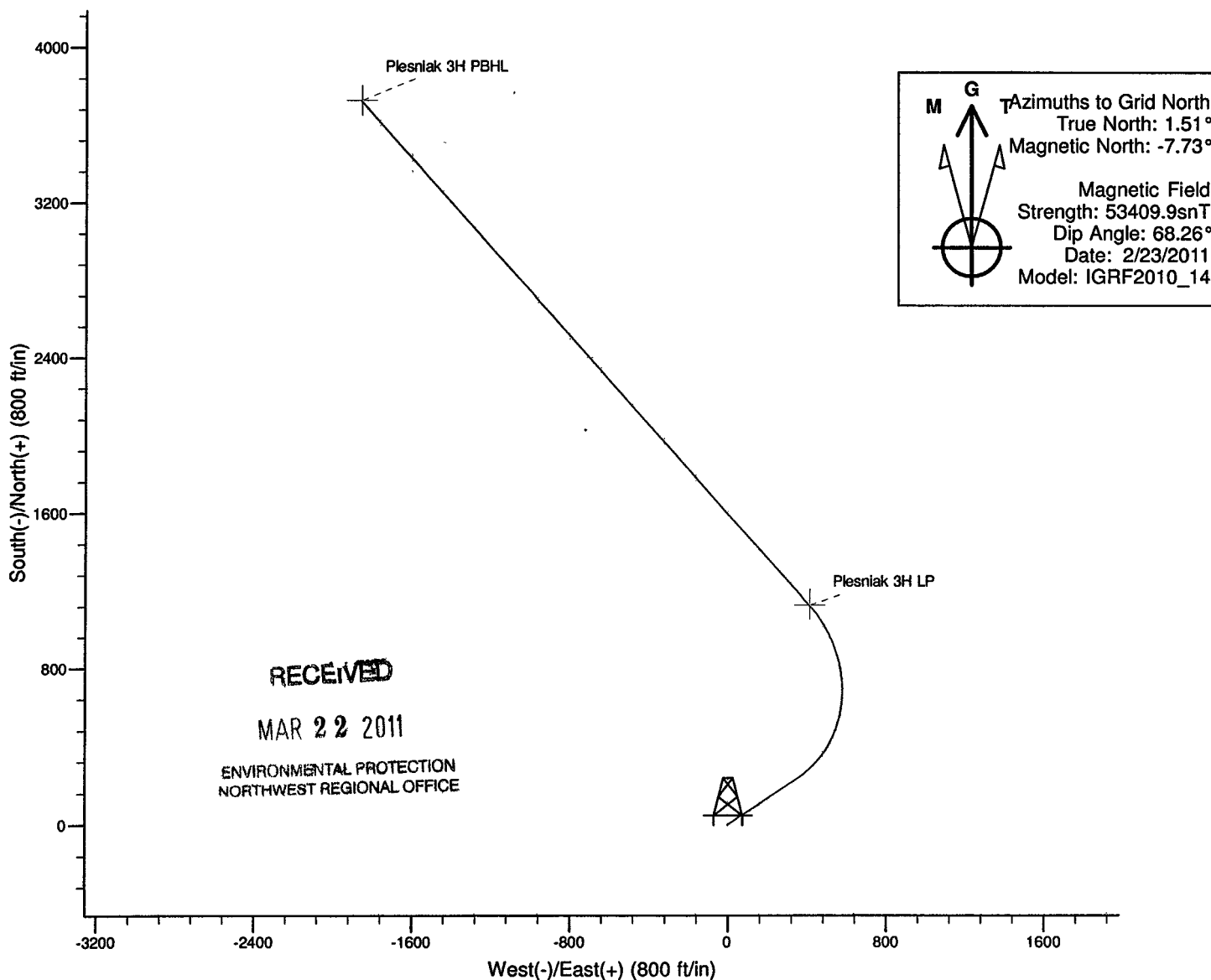
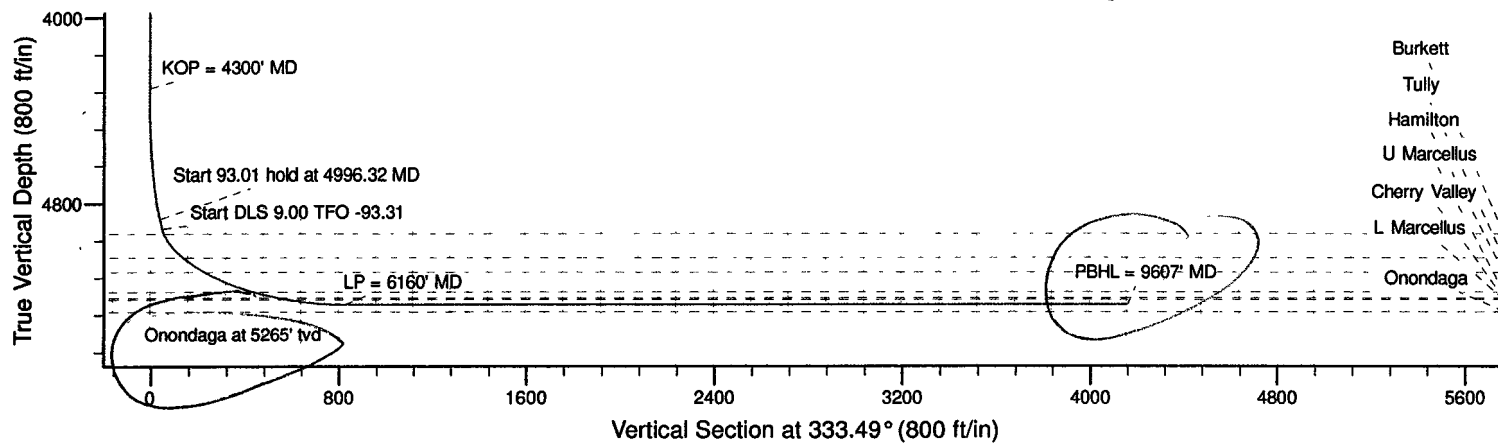


PHOENIX
TECHNOLOGY SERVICES USA INC.

019-21849

Rex Energy

Project: Butler County, PA
Site: Butler County 3H
Well: Plesniak Unit 3H
Wellbore: Plesniak
Design: 3H Plan





COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
Oil and Gas Management Program
WELL LOCATION PLAT

DEP USE ONLY	DEP Application Tracking #	G: <i>mt</i> 2/8/12
	Permit # 019-21849	C:
	Project #	

☐ Denotes location of well on topo map.
True Latitude: NORTH (NAD83) 40° 52' 20.78"
True Longitude: WEST (NAD83) 80° 04' 52.55"
Projected bottom hole
Latitude: NORTH (NAD83) 40° 52' 57.08"
Longitude: WEST (NAD83) 80° 05' 18.00"

Well is located on topo map 933 feet south of latitude 40° 52' 30"

NOTE ☐ TOPO

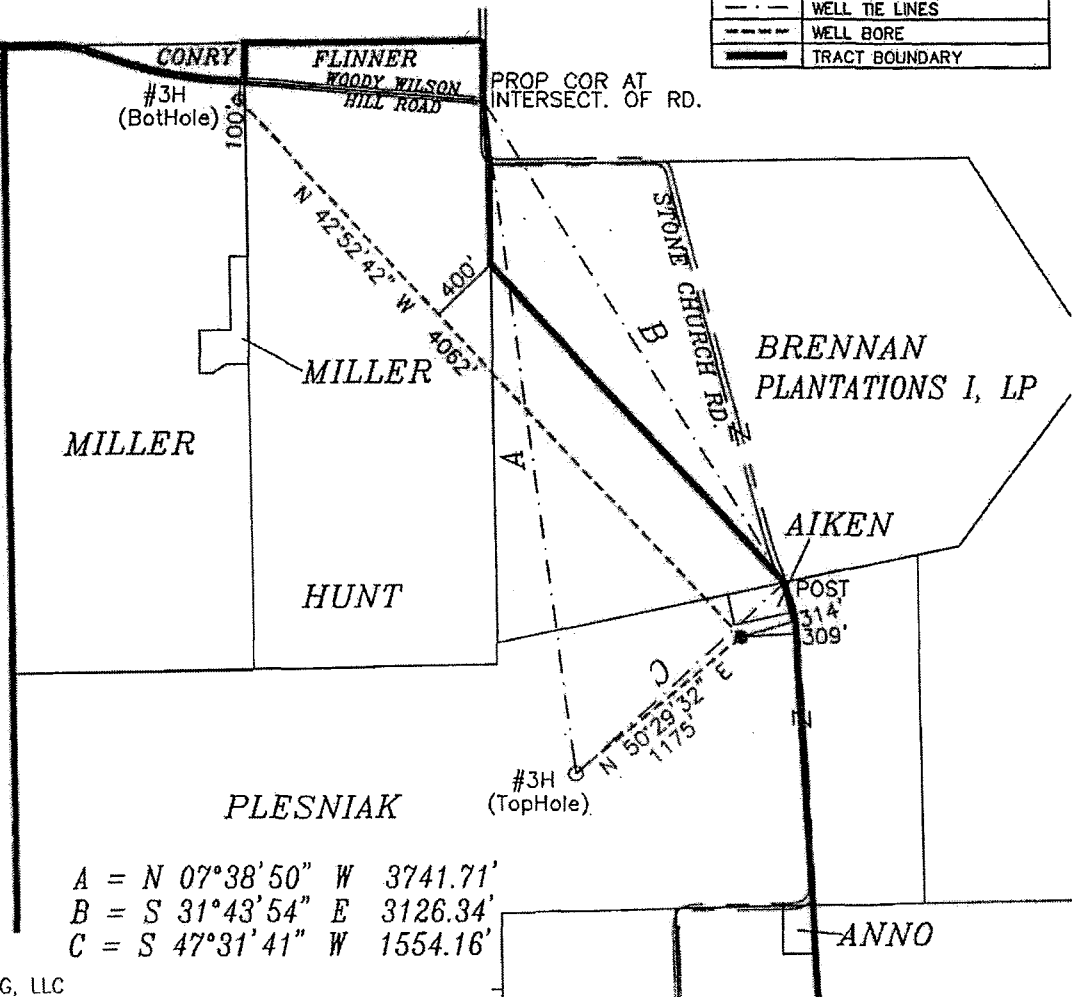
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LEGEND	
	SURFACE BOUNDARY
	PROPOSED GAS WELL TOPHOLE
	PROPOSED GAS WELL BOTTOMHOLE
	EXISTING GAS WELL
	PURVEYOR - WATER WELL
	PURVEYOR - SPRING
	WELL TIE LINES
	WELL BORE
	TRACT BOUNDARY

Well is located on topo map

10949 feet west of longitude

80° 02' 30"



A = N 07°38'50" W 3741.71'
B = S 31°43'54" E 3126.34'
C = S 47°31'41" W 1554.16'

FEB 16 2011

TRI-COUNTY ENGINEERING, LLC

Surveyor or Engineer JOHN M. VOZEL (724)832-8814 Dwg. # REXOG37-2-3H Date 2/15/2011 Scale 1" = 1000' Tract Acreage 521.511

Lat. & Long Metadata Method Direct GPS Accuracy SUB-METER ft. Datum NAD 83		Elevation Metadata Method DIRECT GPS Accuracy 2' ft. Datum NAVD88		Survey Date 1/26/2011
Applicant / Well Operator Name REX ENERGY OPERATING Corp.		Well (Farm) Name PLESNIAK UNIT		Well # 3H
Address 476 ROLLING RIDGE DRIVE, Ste 300 STATE COLLEGE, PA 16801		County - Code BUTLER-10	Municipality LANCASTER TOWNSHIP	Well Type GAS
Surface Landowner / Lessor JOSEPH D. & LINDA LEE PLESNIAK		USGS 71/2 Quadrangle Map Name EVANS CITY		Map Section 2
Target Formation(s) MARCELLUS		Angle & Course of Deviation (Drilling) DEVIATED-SEE ATTACHED		Anticipated Total Depth TVD 5400 TMD 9626
Surface Owner or Water Purveyor with a Water Supply within 1,000 ft.	Approximate Course and Distance to Water Supply	Owner, Lessee, or Operator of Workable Coal Seam	Name of Coal Seam Owned, Leased, or Operated	
NONE				



PHOENIX
TECHNOLOGY SERVICES USA INC.

019-218496
Rex Energy

Project: Butler County, PA
Site: Butler County 3H
Well: Plesniak Unit 3H
Wellbore: Plesniak
Design: Plan 2

